



(TM)

Release 3.1A John F. Collins, Biocomputing Research Unit.
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Msrch_n n.a. - n.a. database search, using Smith-Waterman algorithm

Run on: Tue Oct 26 08:02:34 1999; MasPar time 23.19 Seconds

Tabular output not generated. 940.454 Million cell updates/sec

Title: >US-08-978-217-6
Description: (1-252) from US08978217.seq
Perfect Score: 252
N.A. Sequence: 1 AATTGCGCCCTGAGCAGCT.....CCGGCAGCTGCGCAGGA 252
Comp: TTACACGCGACACTCCTCGA.....GGCGTCGACACCGCTCCT

Scoring table: TABLE default

Mismatch STD : Dbase 0; Query 0

Searched: 165353 segs, 43264542 bases x 2

Post-processing: Minimum Match 0%
Listing first 45 summaries

Database: n-issued
1:5A_COMB 2:5B_COMB 3:5C_COMB 4:PCT9_COMB 5:backfile1

Statistics: Mean 7.464; Variance 4.584; scale 1.628

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description	Pred. No.
1	252	100.0	1920	3	US-08-746-Sequence 1, Applicatio	4.97e-152
2	34	13.5	215	1	US-08-238-Sequence 5, Applicatio	1.77e-07
3	33	13.1	965	3	US-08-388-Sequence 22, Applicati	6.53e-07
4	30	11.9	965	3	US-08-388-Sequence 22, Applicati	3.06e-05
5	29	11.5	215	1	US-08-238-Sequence 5, Applicatio	1.08e-04
6	26	10.3	74	4	PCT-US95-1-Sequence 94, Applicati	4.36e-03
7	26	10.3	81	4	PCT-US95-1-Sequence 92, Applicati	4.36e-03
8	24	9.5	75	4	PCT-US95-1-Sequence 99, Applicati	4.77e-02
9	24	9.5	82	4	PCT-US95-1-Sequence 97, Applicati	4.77e-02
10	24	9.5	2380	3	US-08-572-Sequence 3, Applicatio	1.54e-01
11	23	9.1	66	1	US-08-471-Sequence 14, Applicat	4.77e-02
12	23	9.1	69	1	US-08-471-Sequence 142, Applicat	1.54e-01
13	22	8.7	68	1	US-08-471-Sequence 143, Applicat	4.85e-01
14	22	8.7	74	4	PCT-US95-1-Sequence 100, Applicat	4.85e-01
15	22	8.7	81	4	PCT-US95-1-Sequence 98, Applicati	4.85e-01
16	22	8.7	7559	3	US-08-250-Sequence 2, Applicatio	4.85e-01
17	21	8.3	65	1	US-08-471-Sequence 145, Applicat	1.50e+00
18	21	8.3	66	1	US-08-471-Sequence 144, Applicat	1.50e+00
19	21	8.3	69	1	US-08-471-Sequence 142, Applicat	1.50e+00
20	21	8.3	74	4	PCT-US95-1-Sequence 94, Applicati	1.50e+00

c	21	21	8.3	81	4	PCT-US95-1	Sequence 92, Applicati	1.50e+00
c	22	21	8.3	82	4	PCT-US95-1	Sequence 97, Applicati	1.50e+00
c	23	21	8.3	1244	2	US-08-417-	Sequence 7, Applicatio	1.50e+00
c	24	21	8.3	1244	1	US-07-816-	Sequence 7, Applicatio	1.50e+00
c	25	21	8.3	2159	3	PCT-US95-1	Sequence 2, Applicatio	1.50e+00
c	26	21	8.3	2304	2	US-08-464-	Sequence 1, Applicatio	1.50e+00
c	27	21	8.3	2304	1	US-08-464-	Sequence 1, Applicatio	1.50e+00
c	28	21	8.3	6306	3	US-08-467-	Sequence 3, Applicatio	1.50e+00
c	29	21	8.3	6306	2	US-08-466-	Sequence 3, Applicatio	1.50e+00
c	30	21	8.3	6306	4	PCT-US93-0	Sequence 3, Applicatio	1.50e+00
c	31	21	8.3	6306	2	US-08-470-	Sequence 3, Applicatio	1.50e+00
c	32	21	8.3	6306	3	US-08-195-	Sequence 3, Applicatio	1.50e+00
c	33	20	7.9	56	4	PCT-US95-1	Sequence 87, Applicati	4.54e+00
c	34	20	7.9	74	4	PCT-US95-1	Sequence 100, Applicat	4.54e+00
c	35	20	7.9	75	4	PCT-US95-1	Sequence 99, Applicati	4.54e+00
c	36	20	7.9	81	4	PCT-US95-1	Sequence 98, Applicati	4.54e+00
c	37	20	7.9	423	1	US-08-896-	Sequence 174, Applicat	4.54e+00
c	38	20	7.9	669	3	US-08-896-	Sequence 3, Applicatio	4.54e+00
c	39	20	7.9	1140	3	US-08-896-	Sequence 1, Applicatio	4.54e+00
c	40	20	7.9	1305	3	US-08-896-	Sequence 37, Applicati	4.54e+00
c	41	19	7.5	66	4	PCT-US95-1	Sequence 93, Applicati	1.34e+01
c	42	19	7.5	260	3	US-08-594-	Sequence 45, Applicati	1.34e+01
c	43	19	7.5	1351	2	US-08-417-	Sequence 5, Applicatio	1.34e+01
c	44	19	7.5	7218	2	US-08-232-	Sequence 14, Applicati	1.34e+01
c	45	19	7.5	9515	3	US-08-362-	Sequence 13, Applicati	1.34e+01

ALIGNMENTS

RESULT 1
ID US-08-746-789A-1 STANDARD; DNA; UNC; 1920 BP.
AC xxxxxx
DT Sequence 1, Application US/08746789A
DE Sequence 1, Application US/08746789A
CC Patent No. 5789200
CC GENERAL INFORMATION:
CC APPLICANT: Ismail Kola, Martin J. Tyms, Christine Debouck
CC TITLE OF INVENTION: A No. 5789200el Human ETS Family Member, ELF3
CC NUMBER OF SEQUENCES: 4
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: Smithline Beecham Corporation
CC STREET: 709 Swedeland Road, P.O. Box 1539
CC CITY: King of Prussia
CC STATE: PA
CC COUNTRY: USA
CC ZIP: 19406-0939
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
CC OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
CC SOFTWARE: MICROSOFT WORD
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US-08/746,789A
CC FILING DATE: No. 5789200member 15, 1996
CC CLASSIFICATION: 514
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER:
CC FILING DATE:
CC ATTORNEY/AGENT INFORMATION:
CC NAME: William T. Han
CC REGISTRATION NUMBER: 34,344
CC REFERENCE/DOCKET NUMBER: ARG 50024
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: 610 270 5219
CC TELEFAX: 610 270 4026
CC INFORMATION FOR SEQ ID NO: 1:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 1920
CC TYPE: Nucleic Acid
CC STRANDEDNESS: Single
CC TOPOLOGY: Linear
CC ANTI-SENSE: NO

CC MOLECULE TYPE: DNA (genomic)
SEQUENCE 965 BP; 192 A; 170 C; 226 G; 200 T; 177 OTHER.

Query Match 13.1%; Score 33; DB 3; Length 965;
Best Local Similarity 12.7%; Pred. No. 6.53e-07;
Matches 14; Conservative 56; Mismatches 40; Indels 0; Gaps 0;

Db 784 HUVHVGCVRSTCTASDYTTSYMGWRGMDYGGGYTNKRGHVTMADTSSNR 843

De 87 TTCGTATGAGCTCAGTGTGATGAGCTGCTGAGAGAGATGGCATGCCCTCCAGCA 146

Db 844 SSVTADAVYCYVRGRSYDSGDYWGTYTVSSHUYKMDTSSASV 893

De 147 GGCCTAGACCCAGGCGCTTGACACAGGCGCCCTTGCCACAGAGC 196

RESULT 4
ID US-08-388-672A-22 STANDARD; DNA; UNC; 965 BP.
AC xxxxxx

De Sequence 22, Application US/08388672A
Sequence 22, Application US/08388672A
Patent No. 5795961

CC GENERAL INFORMATION:
CC APPLICANT: Wallace, T. Paul

CC APPLICANT: Harris, William J.

CC APPLICANT: Carr, Frank J.

CC APPLICANT: Old, Lloyd J.

CC APPLICANT: Welt, Sydney

CC APPLICANT: Kitamura, Kunio

CC TITLE OF INVENTION: Recombinant Human Anti-Lewis B

CC NUMBER OF SEQUENCES: 25

CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: Felfe and Lynch

CC STREET: 805 Third Avenue

CC CITY: New York

CC STATE: New York

CC COUNTRY: U.S.A.

CC ZIP: 10022

CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk

CC COMPUTER: IBM PC compatible

CC OPERATING SYSTEM: PC-DOS/MS-DOS

CC SOFTWARE: Patentin Release #1.0, Version #1.30

CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/08/388,672A

CC FILING DATE: 14-FEB-1995

CC CLASSIFICATION:
CC ATTORNEY/AGENT INFORMATION:
CC NAME: Hanson, No. 5795961man D.

CC REGISTRATION NUMBER: 30,946

CC REFERENCE/DOCKET NUMBER: LUD 5409

CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: 212-688-9200

CC TELEFAX: 212-838-3884

CC INFORMATION FOR SEQ ID NO: 22:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 965 base pairs
CC TYPE: nucleic acid
CC STRANDEDNESS: unknown
CC TOPOLOGY: unknown
CC MOLECULE TYPE: DNA (genomic)

CC SEQUENCE 965 BP; 192 A; 170 C; 226 G; 200 T; 177 OTHER.

Db 861 SYDSD 865

Cp 8 GCACA 4

RESULT 5
ID US-08-238-163-5 STANDARD; DNA; UNC; 215 BP.
AC xxxxxx

De Sequence 5, Application US/08238163
Sequence 5, Application US/08238163
Patent No. 5569830

CC GENERAL INFORMATION:
CC APPLICANT: BENNETT, Alan

CC APPLICANT: LABAVITCH, John M.,

CC APPLICANT: POWELL, Ann

CC APPLICANT: STOLTZ, Henrik

CC TITLE OF INVENTION: PLANT INHIBITORS OF FUNGAL
CC POLYGALACTURONASES AND THEIR USE TO CONTROL FUNGAL DISEA

CC NUMBER OF SEQUENCES: 24

CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: Townsend and Townsend Kourie and Crew

CC STREET: Stewart Street Tower, One Market Plaza

CC CITY: San Francisco

CC STATE: California

CC COUNTRY: US

CC ZIP: 94105-1493

CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk

CC COMPUTER: IBM PC compatible

CC OPERATING SYSTEM: PC-DOS/MS-DOS

CC SOFTWARE: Patentin Release #1.0, Version #1.25

CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/08/238,163

CC FILING DATE: 03-MAY-1994

CC CLASSIFICATION: 800

CC ATTORNEY/AGENT INFORMATION:
CC NAME: Bastian, Kevin L.

CC REGISTRATION NUMBER: 34,774

CC REFERENCE/DOCKET NUMBER: 2307E-540

CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: (415) 543-9600

CC TELEFAX: (415) 543-5043

CC INFORMATION FOR SEQ ID NO: 5:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 215 base pairs
CC TYPE: nucleic acid
CC STRANDEDNESS: single
CC TOPOLOGY: unknown
CC MOLECULE TYPE: protein
CC FEATURE:
CC NAME/KEY: misc-feature
CC LOCATION: 1..215
CC OTHER INFORMATION: sequence of PGIP from bean.

CC SEQUENCE 215 BP; 15 A; 8 C; 25 G; 26 T; 141 OTHER.

Query Match 11.5%; Score 29; DB 1; Length 215;
Best Local Similarity 17.7%; Pred. No. 1.08e-04;
Matches 20; Conservative 47; Mismatches 44; Indels 2; Gaps 2;

Db 104 SSSNGTGDNRSGADSYSSKTMATSRN-RTGKTANNAVDNRMGDASVSDKNTKHAH 162

Cp 236 CCGGGGTGTGAGGCGCTGCTGACCGCTGTCACAGAGCTCTGGCAAGGCGTG 177

Db 163 NSADKVSNNKNGDNNKRYGTGTSNVSNNGGKRPVSSYANKKCGSSCT 215

Cp 176 CCCTGTGT-CAAGGGCCCTGTGCTGAGGCGCTCTGAGAGCCATGCATCT 125

RESULT 6
ID PCT-US95-11934-94 STANDARD; DNA; UNC; 74 BP.
AC xxxxxx


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Query Match      8 7%: Score 22; DB 4; Length 74;
Best Local Similarity 7.8%; Pred. No. 4.85e-01;
Matches          5; Conservative 19; Mismatches 40; Indels 0; Gaps 0;

Db              9 VNNVNVNNTVVNVNVNVNVNVNVNVNVNVNVNVNVNVNVNVNVNVNVNACC 68
Cp             150 GGCCCTCGAAGGCCATGCCTTCCTCACGACGTCAATCATCACTGAAGTCAATC 91
Dc              69 ACAAA 72
                | | |
Cp              90 AGAA 87

RESULT         15
ID PCT-US95-11934-98 STANDARD; DNA; UNC; 81 BP.
AC xxxxxx
DE
DT Sequence 98, Application PC/TUS9511934
Sequence 98, Application PC/TUS9511934
GENERAL INFORMATION:
CC APPLICANT: Cyrogen Corporation
CC TITLE OF INVENTION: Antigen Binding Peptides (Abtides) From
CC NUMBER OF SEQUENCES: 103
CORRESPONDENCE ADDRESS:
CC ADDRESSEE: Pennie & Edmonds
CC STREET: 1155 Avenue of the Americas
CC CITY: New York
CC STATE: New York
CC COUNTRY: USA
CC ZIP: 10036
COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: PCT/US95/11934
CC FILING DATE: 20-SEP-1995
CLASSIFICATION:
CC ATTORNEY/AGENT INFORMATION:
CC NAME: Mistrock, S. Leslie
CC REGISTRATION NUMBER: 18,872
CC REFERENCE//DOCKET NUMBER: 1101-196-228
TELECOMMUNICATION INFORMATION:
CC TELEPHONE: (212) 790-9090
CC TELEFAX: (212) 869-9741/8864
CC TELEX: 66141 PENNIE
CC INFORMATION FOR SEO ID NO: 98:
SEQUENCE CHARACTERISTICS:
CC LENGTH: 81 base pairs
CC TYPE: nucleic acid
STRANDEDNESS: single
CC TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SQ SEQUENCE 81 BP; 6 A; 6 C; 4 G; 5 T; 60 OTHER.

Query Match      8 7%: Score 22; DB 4; Length 81;
Best Local Similarity 12.7%; Pred. No. 4.85e-01;
Matches          9; Conservative 20; Mismatches 41; Indels 1; Gaps 1;

Db              3 TGGTGTCAGAVNNVNNTVVNVNVNVNVNVNVNVNVNVNVNVNVNVNVNVNVN 62
Cp            159 TGGGTCTAG-GGCCCTCTGGAAGCCATGCCTTCCTCACGACGTCAATCATCAAC 101
Dc              63 NVNVNVNNA 73
                : : : |
Cp            100 TGAAGCTCATCA 90
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